

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87504

30-005-61268

Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	1
OPERATOR	1

DEC 1

O. C. B.
ARTESIA, OFFICE

5A. Indicate Type of Lease
STATE ☒ REC ☐

5. State Oil & Gas Lease No.
LG-0252

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐		7. Unit Agreement Name	
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐		8. Farm or Lease Name McElvain-State Comm-6	
2. Name of Operator Flag-Redfern Oil Company		9. Well No. #1	
3. Address of Operator P.O. Box 2280, Midland, TX 79702		10. Field and Pool, or Wildcat Und. Abo.	
4. Location of Well UNIT LETTER M LOCATED 990 FEET FROM THE South LINE AND 990' FEET FROM THE West LINE OF SEC. 6 TWP. 5-S RGE. 25-E		12. County Chaves	
19. Proposed Depth 4300		19A. Formation Abo	
20. Rotary or C.T. Rotary		21. Elevation (show whether DT, RT, etc.) 3855 GR	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Peterson Drlg.	
22. Approx. Date Work will start As soon as approved.			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8 or 11 3/4"	54.5 or 42	900-950	950	Circulate
11"	Optional 8 5/8"	24	1500-1700	300	800'
7 7/8"	4 1/2"	10.5	4300	400	2800'

Drill 17 1/2" hole to 900'-950'. Run 13 3/8" 54.5# casing or 11 3/4" 42# casing and set at 900-950'. Circulate cement w/ 950 sx cement. Drill 11" hole to 1500'-1700'. If severe lost circulation is encountered in the lower San Andres, run 1500'-1700' of 8 5/8" 24# casing. Cement w/ 300 sx cement. If lost circulation is not encountered reduce hole size to 7 7/8" and drill to approx. 4300'. Run Open hole log. Run 4 1/2" 10.5 casing to approx 4300' and cement w/ 400 sx 50/50 Poz/C cement. Run correlation log and perforate the Abo. Treat w/ acid and swab test. Frac w/ gelled water and sand if necessary. Potential well.

Mud Program

0-1400' Native Mud
1400-4300' Native Mud & Oil

Estimated Tops

San Andres 575'
Glorieta 1455'
Abo 3540'

APPROVAL VALID FOR 180 DAYS

PERMIT EXPIRES 6-14-82
UNLESS DRILLING UNDERWAY

Blowout Preventors - Shaffer LWS 10" Series 900 installed on 8 5/8" casing.
Gas is not dedicated.

Posted ID-1
API - NL Book
12-18-81

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed J. E. Scherer Title Petroleum Engineer Date 12-4-81

(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE DEC 14 1981

CONDITIONS OF APPROVAL, IF ANY: